

09/040,798

2

P-5550

IN THE CLAIMS

Please cancel claims 36 and 38 to 44 without prejudice or disclaimer.

Please amend the claims as follows:

1. (Previously Presented) A process of making a conventional multi-piece golf ball having at least one uniformed, spherical cover component and core component comprising making at least one of the cover component and the core component of the ball by mixing two or more reactants that react and form a reaction product with a flex modulus of 5 - 310 kpsi in a reaction time of about 5 minutes or less, the at least one component having a thickness of at least 0.01 inches and a demold time of 10 minutes or less.

2. (Original) A process according to claim 1, wherein the reaction product comprises at least one member selected from the group consisting of polyurethanes, polyureas, epoxies and unsaturated polyesters.

3. (Original) A process according to claim 1, wherein the reaction process comprises reaction injection molding.

4. (Original) A process according to claim 1, wherein the reaction product comprises at least one member selected from the group consisting of polyurethane and polyurea.

5. (Original) A process according to claim 4, wherein the reaction product with a flex modulus of 5 - 300 kpsi is formed in a reaction time of about 3 minutes or less.

6. (Original) A process according to claim 4, wherein the component has a thickness of at least 0.02 inches.

09/040,798

3

P-5550

7. (Previously Presented) A process according to claim 4, wherein the at least one component is a cover component.

8. (Original) A process according to claim 7, wherein the cover component is a dimpled cover layer and the cover component has a thickness of at least 0.02 inches.

9. (Original) A process according to claim 7, wherein the cover component has a hardness of 20 - 95 Shore D.

10. (Original) A process according to claim 7, wherein the cover component has a hardness of 30 - 75 Shore D.

11. (Previously Presented) A process according to claim 1, wherein the at least one component is a core component.

12. (Original) A process according to claim 2, further including the step of recycling at least a portion of the reaction product.

13. (Original) A process according to claim 12, wherein the reaction product is recycled by glycolysis.

14. (Currently Amended) A multi-piece golf ball comprising a uniformed, spherical core and a uniformed, spherical cover formed thereon, wherein the core or the cover is formed from a reaction injection molded material comprising polyurethane/polyurea, wherein the polyurethane/polyurea material incorporates meta-tetramethylxylylene diisocyanate.

09/040,798

4

P-5550

15. (Original) A golf ball according to claim 14, wherein the reaction injection molded material comprising polyurethane/polyurea includes at least one of ether functional groups and ester functional groups.

16. (Original) A golf ball according to claim 14, wherein at least 5% of the polyurethane/polyurea is formed from molecules obtained by recycling a material comprising one of polyurethane, polyurea, polyester, and polyethylene glycol.

17. (Previously Presented) A golf ball according to claim 16, wherein recycling takes place by glycolysis.

18. (Original) A golf ball according to claim 14, wherein the ball has a core and a cover and at least the cover comprises reaction injection molded polyurethane/polyurea material.

19. (Original) A golf ball according to claim 18, wherein the ball includes an exterior coating surrounding the cover.

20. (Original) A golf ball according to claim 18, wherein the core is solid, multi-layer, wound, liquid filled, metal filled and/or foamed.

21. (Previously Presented) A golf ball according to claim 18, wherein the cover has a flex modulus of 5 - 310 kpsi.

22. (Original) A golf ball according to claim 18, wherein the cover has a flex modulus of 5 - 100 kpsi.

23. (Original) A golf ball according to claim 18, wherein the exterior coating is applied over the cover after molding of the cover.

09/040,798

5

P-5550

24. (Original) A golf ball according to claim 18, wherein the hardness of the cover is 20 - 95 Shore D.

25. (Original) A golf ball according to claim 18, wherein the hardness of the cover is 30 - 75 Shore D.

26. (Original) A golf ball according to claim 25, wherein the flexural modulus of the cover is in the range 5 to 100 kpsi.

27. (Original) A golf ball according to claim 18, wherein the flexural modulus of the cover is higher than that of the core.

28. (Original) A golf ball according to claim 18, wherein the ball has a multi-layer cover.

29. (Original) A golf ball according to claim 18, wherein the cover comprises a reaction injection molded material comprising polyurethane and further comprises at least one member selected from the group consisting of optical brightener, pigment, dye, antioxidant, and UV light stabilizer.

30. (Original) A golf ball according to claim 18, wherein the cover further comprises a filler.

31. (Original) A golf ball according to claim 30, wherein the filler includes at least one member selected from the group consisting of glass, metal, minerals, oxides, sulfides, titanates, polymeric resins and ceramics.

32. (Original) A golf ball according to claim 14, wherein the ball has a core and a cover, and at least the core comprises a reaction injection molded polyurethane/polyurea material.

09/040,798

6

P-5550

33. (Original) A golf ball according to claim 30, wherein the core comprises at least two components and at least one core component comprises reaction injection molded polyurethane/polyurea material.

34. (Original) A golf ball according to claim 14, wherein the ball has a core, and a cover, each of which comprises reaction injection molded polyurethane/polyurea material.

35. (Original) A golf ball according to claim 30, wherein the cover comprises an ionomer.

36. (Canceled)

37. (Original) A golf ball according to claim 18, wherein the cover has a generally uniform consistency both at the seam and the poles.

38 - 44. (Canceled)